PTO/SB/21 (08-03)

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Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. 10/620,115 **Application Number TRANSMITTAL** 7/15/2003 Filing Date

FORM First Named Inventor David T. Jennings III Art Unit 3641 (to be used for all correspondence after initial filing) Henry A. Blackner **Examiner Name** Total Number of Pages in This Submission BRI/021 Attorney Docket Number

FNCI OSLIDES (OLIVERALL)		
Fee Transmittal Form Fee Attached (Form PTO2038) Amendment/Reply After Final Affidavits/declaration(s) Extension of Time Request Express Abandonment Request Information Disclosure Statement Certified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application	Drawing(s) Licensing-related Papers Petition Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence Address Terminal Disclaimer Request for Refund CD, Number of CD(s) Remarks	After Allowance communication to Technology Center (TC) Appeal Communication to Board of Appeals and Interferences Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter Other Enclosure(s) (please Identify below):
Response to Missing Parts under 37 CFR 1.52 or 1.53		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
	ces of Thomas J. Brindisi	
Signature		
Date March 17	March 17, 2004	
CERTIFICATE OF TRANSMISSION/MAILING		
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Typed or printed name Thomas J	I. Brindisi	

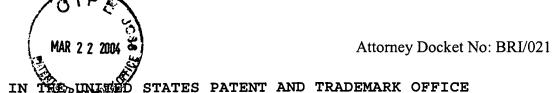
This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature

March 17, 2004

-Date

PATENT



1st Named Inventor: David T. Jennings III

Serial No.:

10/620,115

Filed:

7/15/2003

Title: Constant-Current, Rail-Voltage

Regulated Charging Electronic

Detonator

Group Art Unit:

3641

Examiner:

Henry A. Blackner

AMENDMENT & RESPONSE

Mail Stop Non-Fee Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In response to the Office Action of December 18, 2003, please amend the above-identified application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims begin on page 5 of this paper.

Amendments to the Drawings begin on page 9 of this paper.

Remarks/Arguments begin on page 10 of this paper.

An Appendix including amended drawing figures is attached following page 10 of this paper.

A Declaration pursuant to 37 CFR 1.132 is also attached following the Appendix.

CERTIFICATE OF MAILING (37 CFR § 1.8a)

I hereby certify that this document (along with any papers referred to as being attached or enclosed) is being facsimile transmitted or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to on the date shown below to: Mail Stop Non-Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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